

Date: Thu, 30 Dec 93 04:30:25 PST
From: Ham-Space Mailing List and Newsgroup <ham-space@ucsd.edu>
Errors-To: Ham-Space-Errors@UCSD.Edu
Reply-To: Ham-Space@UCSD.Edu
Precedence: Bulk
Subject: Ham-Space Digest V93 #127
To: Ham-Space

Ham-Space Digest Thu, 30 Dec 93 Volume 93 : Issue 127

Today's Topics:

 ARLK054 Keplerian Data

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Send subscription requests to: <Ham-Space-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

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We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: Wed, 29 Dec 1993 07:10:44 -0700
From: usc!math.ohio-state.edu!cyber2.cyberstore.ca!nntp.cs.ubc.ca!alberta!nebulus!
ve6mgs!usenet@network.ucsd.edu
Subject: ARLK054 Keplerian Data
To: ham-space@ucsd.edu

SB KEP @ ARL \$ARLK054
ARLK054 Keplerian data

ZCZC SK66
QST de W1AW
Keplerian Bulletin 54 ARLK054

Date: (null)
From: (null)
SB KEP ARL ARLK054
ARLK054 Keplerian data

Thanks to NASA, AMSAT and N3FKV for the following Keplerian data.

Decode 2-line elsets with the following key:

1 AAAAAU 00 0 0 BBBB.BBBBBBBB .CCCCCCC 00000-0 00000-0 0 DDDZ
2 AAAAA EEE.EEEE FFF.FFFF GGGGGG HHH.HHHH III.IIII JJ.JJJJJJ KKKKKKZ
KEY: A-CATALOGNUM B-EPOCHTIME C-DECAY D-ELSETNUM E-INCLINATION F-RAAN
G-ECCENTRICITY H-ARGPERIGEE I-MNANOM J-MNMOTION K-ORBITNUM Z-CHECKSUM

A0-10

1 14129U 83058 B 93329.34450477 0.00000009 10000-3 0 2132
2 14129 27.1217 354.5434 6014493 132.9243 298.0909 2.06477387 50611

RS-10/11

1 18129U 87054 A 93353.78531718 0.00000039 25711-4 0 8392
2 18129 82.9275 101.4555 0012165 156.0268 204.1456 13.72328016325308

U0-11

1 14781U 84021 B 93352.06493232 0.00000249 50253-4 0 6199
2 14781 97.7951 10.1968 0012338 124.9246 235.3121 14.69103843523715

RS-12/13

1 21089U 91007 A 93353.88399174 0.00000021 60794-5 0 6416
2 21089 82.9202 144.4175 0028238 247.3749 112.4421 13.74031650144026

A0-13

1 19216U 88051 B 93356.82690458 -.00000763 10000-4 0 8506
2 19216 57.9666 277.5430 7210696 330.9913 3.3970 2.09727363 10818

U0-14

1 20437U 90005 B 93353.73078132 0.00000064 42114-4 0 9405
2 20437 98.6029 75.8633 0011465 2.5266 357.5973 14.29811303203941

A0-16

1 20439U 90005 D 93353.72330553 0.00000066 42857-4 0 7419
2 20439 98.6110 76.9082 0011736 2.7801 357.3445 14.29867859203952

D0-17

1 20440U 90005 E 93353.76501518 0.00000053 37667-4 0 7415
2 20440 98.6116 77.2143 0011897 2.5935 357.5307 14.30005317203972

W0-18

1 20441U 90005 F 93353.73726563 0.00000047 35071-4 0 7423
2 20441 98.6108 77.1992 0012470 1.9872 358.1359 14.29982522203970

L0-19

1 20442U 90005 G 93353.72731485 0.00000075 45923-4 0 7408
2 20442 98.6123 77.4062 0012815 1.5633 358.5590 14.30075638203988

F0-20

1 20480U 90013 C 93355.44982285 -.00000017 32207-4 0 6380
2 20480 99.0168 176.0166 0541260 22.2699 340.0980 12.83222967181336

A0-21

1 21087U 91006 A 93357.16575150 0.00000094 82657-4 0 3999
2 21087 82.9459 272.9683 0033939 213.7252 146.1744 13.74530786145408

U0-22

1 21575U 91050 B 93353.75748489 0.00000109 51387-4 0 4419
2 21575 98.4535 66.7225 0008505 101.5487 258.6654 14.36875041127317

K0-23

1 22077U 92052 B 93353.94580435 -.00000037 10000-3 0 3377
2 22077 66.0886 295.2665 0006949 331.1179 28.9453 12.86282320 63736

Arsene

1 22654U 93031 B 93321.93138545 -.000000051 10000-3 0 2107
2 22654 1.4185 113.8817 2935300 161.0091 211.2000 1.42195961 2757

K0-25

1 22827U 93061 E 93353.73178714 -.000000007 15197-4 0 3023
2 22827 98.6645 66.1771 0009427 6.6008 353.5299 14.27800566 12087

I0-26

1 22826U 93061 D 93353.94801570 0.000000021 26616-4 0 2402
2 22826 98.6737 66.4193 0009857 18.2897 341.8607 14.27698719 12113

A0-27

1 22825U 93061 C 93353.74382815 0.000000041 34677-4 0 2391
2 22825 98.6733 66.2045 0009172 18.4935 341.6577 14.27596448 12083

P0-28

1 22829U 93061 G 93353.79061720 0.000000095 56185-4 0 2329
2 22829 98.6671 66.2636 0010487 5.2318 354.8962 14.27991712 12092

Mir

1 16609U 86017 A 93356.89342327 0.00012770 16562-3 0 628
2 16609 51.6187 351.4352 0005780 118.8381 241.3181 15.59225375448544

Keplerian bulletins are transmitted twice weekly from W1AW.

The next scheduled transmission of these data will be Saturday,
January 1, 1994, at 2330z on Baudot and AMTOR.

NNNN

/EX

End of Ham-Space Digest V93 #127
